

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	816	361/688.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:43
L4	568	361/702.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:44
L5	1567145	groove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:44
L6	148	I4 and I5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:44
L7	124026	(cooling or cold) with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:51
L8	16030	"cooling plate" or "cold plate" or coldplate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:51
L9	81942	angle with bracket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:51
L10	335580	(elongated or elongate or slotted) with (holes or mounts or openings)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:52
L11	18	I8 and I9 and I10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 17:52
L12	0	("2008/0218966").URPN.	USPAT	OR	ON	2009/12/09 17:53
L20	3140	"frequency converter".clm.	USPAT	OR	ON	2009/12/09 18:52
L24	88538	((elongated or elongate or slotted) with (holes or mounts or openings)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 18:53

L26	1579	"l18" and "l19"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 18:53
L27	1365	l3 or l4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 18:53
L28	0	l26 and l27	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 18:54
L29	10	l27 and l9	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 18:55
L30	71	l9 and l8	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/12/09 18:56
S2	88	lang-martin.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:26
S3	3	S2 and "361".clas.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:26
S4	222	reuter-wolfgang.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:29
S5	160196	"361".clas.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:29
S6	9	S4 and S5	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:29
S7	69	besserer-horst.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:30
S8	8	S7 and S5	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:30
S9	243	"rittal gmbh".as.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:30

S10	14	S9 and S5	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:30
S11	2	"5546274".did. "5263538". did.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/28 20:34
S12	741	361/688.ccls.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 12:44
S13	4907	"cold plate"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 12:44
S14	4991	"cold plate" or coldplate or cold-plate	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 12:45
S15	34	S14 and S12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 12:45
S16	22	meuller.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 13:16
S17	9	"frequency converter" with (mount or mounting) with (plate or bracket)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 16:45
S18	0	("2008/0232065").URPN.	USPAT	OR	ON	2008/10/29 16:46
S19	8275	"angle bracket"	USPAT	OR	ON	2008/10/29 16:47
S20	10952	"frequency converter"	USPAT	OR	ON	2008/10/29 16:47
S21	0	S19 with S20	USPAT	OR	ON	2008/10/29 16:47
S22	100	S19 and "361".clas.	USPAT	OR	ON	2008/10/29 16:47

S23	125	(US-20030053292-\$ or US-20020043908-\$ or US-20020080573-\$ or US-20020097556-\$ or US-20020172014-\$ or US-20030058612-\$ or US-20030090868-\$ or US-20030090869-\$ or US-20020105782-\$ or US-20050088778-\$ or US-20060193111-\$ or US-20070263349-\$ or US-20080043422-\$ or US-20030102785-\$ or US-20030227743-\$ or US-20040075978-\$ or US-20040125555-\$ or US-20040105229-\$ or US-20040246674-\$ or US-20050007731-\$ or US-20050057895-\$ or US-20050066346-\$ or US-20050135057-\$ or US-20070230104-\$ or US-20070247802-\$ or US-20030169565-\$).did. or (US-5921644-\$ or US-6337793-\$ or US-6791829-\$ or US-4713714-\$ or US-5463527-\$ or US-5943208-\$ or US-6078498-\$ or US-6084768-\$ or US-6262888-\$ or US-6477042-\$ or US-7016189-\$ or US-7092251-\$ or US-7184278-\$ or US-7262958-\$ or US-5535092-\$ or US-6005768-\$ or US-5666239-\$ or US-6324054-\$ or US-6196516-\$ or US-5233594-\$ or US-5548480-\$ or US-5673171-\$ or US-6373696-\$ or US-6525933-\$ or US-6487081-\$ or US-6778387-\$).did. or (US-6989983-\$ or US-7142419-\$ or US-6580604-\$ or US-4964017-\$ or US-4979909-\$ or US-5174539-\$ or US-5599080-\$ or US-5654874-\$ or US-5724227-\$ or US-5995364-\$ or US-6310769-\$ or US-6437977-\$ or US-6980430-\$ or US-7068502-\$ or US-7330348-\$ or US-5067041-\$ or US-5564804-\$ or US-5566383-\$ or US-5679923-\$ or US-6256195-\$ or US-6590848-\$ or US-	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 16:51
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		6885550-\$ or US-7212411-\$ or US-6049451-\$ or US-6317318-\$ or US-6351376-\$ or US-6377449-\$). did. (US-6445663-\$ or US-6473313-\$ or US-6614654-\$ or US-6616106-\$ or US-5823495-\$ or US-6404641-\$ or US-7165798-\$ or US-6625014-\$ or US-6460948-\$ or US-6999307-\$ or US-6628514-\$ or US-6646871-\$ or US-6469890-\$ or US-5136466-\$ or US-5332306-\$ or US-5768097-\$ or US-5818689-\$ or US-6418011-\$ or US-6667880-\$ or US-6238026-\$ or US-6817881-\$ or US-7035099-\$ or US-6801435-\$ or US-7031152-\$ or US-6580606-\$ or US-6650533-\$ or US-6654238-\$). did. or (US-6760226-\$ or US-6798653-\$ or US-6826045-\$ or US-6831832-\$ or US-6914778-\$ or US-7006351-\$ or US-7012803-\$ or US-7031150-\$ or US-7031151-\$ or US-7050298-\$ or US-7102885-\$ or US-7324349-\$ or US-7336482-\$ or US-6102499-\$ or US-5142447-\$ or US-5949653-\$ or US-6246580-\$ or US-6621696-\$ or US-5751551-\$). did.				
S24	71	("4488192"   "4553183"). PN, OR ("4713714"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/29 16:55
S25	48	("4258821"   "4713714"   "4834625"   "5155662"   "5187643"   "5260851"   "5282100"   "5331506"   "5426562"   "5510954"   "5596483"   "5666239"). PN, OR ("6005768"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/29 16:57
S26	0	S19 with (mount or mounting) with ("electrical component")	US-PGPUB, USPAT; USOOR	OR	ON	2008/10/29 16:58
S27	2	S19 with (mount or mounting) with electrical with (component or device or part or apparatus)	US-PGPUB, USPAT; USOOR	OR	ON	2008/10/29 16:59

S28	1	jp-08046381-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 19:10
S29	0	de-2410903-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 19:38
S30	0	de-252474-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 19:39
S31	0	dd-252474-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 19:40
S32	0	dd-252474-A1.did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/10/29 19:41
S33	0	dd-252474-A1.did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:41
S34	0	de-252474-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:41
S35	4	\$-252474-\$ did.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/29 19:44
S36	0	("2008/0232065").URPN.	USPAT	OR	ON	2008/10/29 21:32
S37	15	("2512875"   "3298433"   "3621671"   "4306616"   "4476856"   "4884168"). PN. OR ("5263538"). URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/29 21:33
S38	8	("4730232"   "4956746"   "5053856"   "5065277"   "5079619"   "5208794"   "5241450").PN. OR ("5546274").URPN.	US_PGPUB; USPAT; USOCR	OR	ON	2008/10/29 21:34

S39	22	(US-20080232065-\$ or US-20080218966-\$ or US-20070263349-\$).did. or (US-7328588-\$ or US-5263538-\$ or US-5546274-\$ or US-6992887-\$ or US-6944022-\$ or US-6765793-\$ or US-6687126-\$ or US-5969292-\$ or US-5535626-\$ or US-6791829-\$ or US-4713714-\$ or US-6005768-\$ or US-4214668-\$ or US-6462949-\$ or US-4884168-\$ or US-5079619-\$ or US-5065277-\$).did. or (JP-08046381-\$).did. or (DD-252474-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/11/12 16:32
S40	22	(US-20080232065-\$ or US-20080218966-\$ or US-20070263349-\$).did. or (US-7328588-\$ or US-5263538-\$ or US-5546274-\$ or US-6992887-\$ or US-6944022-\$ or US-6765793-\$ or US-6687126-\$ or US-5969292-\$ or US-5535626-\$ or US-6791829-\$ or US-4713714-\$ or US-6005768-\$ or US-4214668-\$ or US-6462949-\$ or US-4884168-\$ or US-5079619-\$ or US-5065277-\$).did. or (JP-08046381-\$).did. or (DD-252474-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2008/12/03 13:51
S41	793	361/688.ccls.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/05/31 22:13
S42	22270	"angle bracket"	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/05/31 22:30
S43	93224	"elongated slot"	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/05/31 22:30
S44	186	S42 with S43	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/05/31 22:30
S45	57	S42 with S43	USPAT	OR	ON	2009/05/31 22:31

S46	26	("1393427"   "1526338"   "1542967"   "1565539"   "1733984"   "1962041"   "2279445"   "3525850"   "3567906"   "3651304"   "3757083"   "3833793"   "3835435"   "3860790").PN. OR ("4100395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/31 22:39
S47	1	"5709359".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/05/31 22:54
S48	21	("0882835"   "1504478"   "2117233"   "2143278"   "3024937"   "4033531"   "4854533"   "5240217"   "5460348").PN. OR ("5709359").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/31 22:54

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	217	361/688.ccls.	US-PGPUB	OR	ON	2009/12/09 18:51
L17	98	361/702.ccls.	US-PGPUB	OR	ON	2009/12/09 18:51
L18	246	"angle bracket".clm.	US-PGPUB	OR	ON	2009/12/09 18:51
L19	2377	"elongated slot".clm.	US-PGPUB	OR	ON	2009/12/09 18:51
L21	1324	"frequency converter".clm.	US-PGPUB	OR	ON	2009/12/09 18:52
L22	88425	groove.clm.	US-PGPUB	OR	ON	2009/12/09 18:52
L23	4547	((cooling or cold) with plate).clm.	US-PGPUB	OR	ON	2009/12/09 18:53
L25	18249	((elongated or elongate or slotted) with (holes or mounts or openings)).clm.	US-PGPUB	OR	ON	2009/12/09 18:53
L33	315	l16 or l17	US-PGPUB	OR	ON	2009/12/09 18:58
L34	0	l18 and l33	US-PGPUB	OR	ON	2009/12/09 18:59
L35	0	l33 and l19	US-PGPUB	OR	ON	2009/12/09 18:59
L36	1	l33 and l21	US-PGPUB	OR	ON	2009/12/09 18:59
L37	32	l33 and l22	US-PGPUB	OR	ON	2009/12/09 18:59
L38	50	l33 and l23	US-PGPUB	OR	ON	2009/12/09 19:00
L39	58	l23 and l25	US-PGPUB	OR	ON	2009/12/09 19:00
L40	57	l39 not l33	US-PGPUB	OR	ON	2009/12/09 19:00

12/9/2009 7:11:53 PM

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